

Amendments to the Claims:

The following listing of claims replaces all prior listings, and all prior versions, of claims in the application:

Listing of Claims:

1. (Currently Amended) A vaporizer which comprises a vaporization chamber for a CVD material, a CVD material feed portion for supplying the vaporization chamber with the CVD material, a vaporized gas exhaust port and a heating means for heating the vaporization chamber, characterized in that it further comprises ~~an ejection tube of double structure~~ a co-axial nozzle, wherein ~~the outer~~ an outside diameter of the ~~outer tube has a portion gradually thinning~~ co-axial nozzle tapers towards the ~~ejection port~~ its outlet to the vaporization chamber; wherein the co-axial nozzle has a function of ejecting said CVD material to said vaporization chamber from a central nozzle thereof and a function of ejecting a carrier gas to said vaporization chamber from an outside nozzle thereof; and wherein the central nozzle extends toward said vaporization chamber with a length of 0.2 to 1.0 mm beyond the end of the outside nozzle opening into the vaporization chamber.

2. (Currently Amended) The vaporizer according to Claim 1, wherein an angle of a straight line through both starting end and finishing end of ~~said gradually thinning the tapering~~ portion to a vertical line is ~~0 to 60~~ 15 to 45 degrees.

3. (Currently Amended) The vaporizer according to Claim 1, wherein a curved line

through both starting end and finishing end of said ~~gradually thinning~~ tapering portion is convex to the outside in a vertical cross sectional view.

4. (Currently Amended) The vaporizer according to Claim 1, wherein a curved line through both starting end and finishing end of said ~~gradually thinning~~ tapering portion is concave to the inside in a vertical cross sectional view.

5. (Canceled).

6. (Canceled).

7. (Canceled).

8. (Currently Amended) The vaporizer according to Claim 1, wherein the inside of said CVD material feed portion is composed of synthesized resin and ~~whose contact area with the~~ outside of said CVD material feed portion is composed ~~vaporizer is constituted~~ of a metal.

9. (Currently Amended) The vaporizer according to Claim 1, wherein the inside of said CVD material feed portion is hollow and ~~whose contact area with an external~~ the outside of said CVD material feed portion of said vaporizer is constituted ~~composed of a~~ metal.

10. (Currently Amended) The vaporizer according to Claim 1, wherein ~~a contact area~~
the outside of said CVD material feed portion ~~with said vaporization chamber~~ is
~~constituted~~ composed of a metal.

11. (Currently Amended) The vaporizer according to Claim 1, further ~~comprises~~
comprising a cooling means ~~to~~ for cooling ~~down~~ said CVD material feed portion.

12. (Original) The vaporizer according to Claim 1, wherein said CVD material is
obtained by dissolving solid CVD materials into an organic solvent.

13. (New) The vaporizer according to Claim 1, wherein said co-axial nozzle, having the
central nozzle and outside nozzle, is provided by inner and outer tubes having a
common axis, the central nozzle being provided inside the inner tube and the outside
nozzle being provided between the inner and outer tubes.

14. (New) The vaporizer according to Claim 13, wherein the inner tube and the outer
tube are each cylindrical tubes, having a common axis.